

IN THE CLAIMS:

1. (Canceled)
2. (Currently Amended) A choke coil, comprising:
a metal plate having a folded portion, a first terminal, and a second terminal; and
a magnetic material in which the coils are embedded, with an insulation layer on the
surface of the metal plate except the surfaces of the folded portion, the first terminal and the
second terminal ~~The choke coil of claim 1~~, wherein the metal plate additionally includes an intermediate tap, and the insulation layer is not on the intermediate tap.
3. (Currently Amended) ~~The choke coil of claim 1 or~~ claim 2, wherein the magnetic material comprises a material selected from the group consisting of a ferrite magnetic material of ; a composite of ferrite magnetic powder and insulating resin; and a composite of magnetic metal powder and an insulating resin.
4. (Previously Presented) The choke coil of claim 2, wherein a coil having an intermediate tap, and a coil having no intermediate tap are embedded in the magnetic material
5. (Previously Presented) The choke coil of claim 2, wherein a plurality of coils are embedded in the magnetic material.

6. (Withdrawn) The choke coil of claim 4, wherein an inductance of a plurality of the coil is incorporated with terminals and intermediate tap, and/or the coil incorporated with terminals are controlled to a predeterminate value by adjusting an interval between the coils.

7. (Withdrawn) The choke coil of claim 5, wherein an inductance of a plurality of the coil incorporated with the terminals and intermediate tap, and/or the coil incorporated with terminals are controlled to a predeterminate value by adjusting an interval between the coils.

8. (Withdrawn) The choke coil of claim 4, wherein the neighboring two coils are disposed such that the respective magnetic fluxes generated by current flow pass through the coil to opposite directions respectively.

9. (Withdrawn) The choke coil of claim 5, wherein the neighboring two coils are disposed such that respective magnetic fluxes generated by current flow pass through the coil to opposite directions respectively.

10. (Withdrawn) The choke coil fo claim 4, wherein the neighboring two coils are disposed such that respective magnetic fluxes generated by current flow pass through the coil to a same direction.

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11. (Previously Presented) The choke coil of claim 5, wherein two adjacent coils are located such that respective magnetic fluxes generated by current flow pass through the two coils in a same direction.

12. (Previously Presented) The choke coil of claim 4, wherein the coils are located such that all intermediate taps emerge in a same direction.

13. (Previously Presented) The choke coil of claim 5, wherein the coils are located such that all intermediate taps emerge a same direction.

14. (Previously Presented) The choke coil of claim 4, wherein the coils are located such that at least two intermediate taps emerge in different directions.

15. (Previously Presented) The choke coil of claim 5, wherein the coils are located such that at least two intermediate taps emerge in different directions.

16. (Withdrawn) The choke coil of claim 1, wherein at elast one of terminals and intermediate tap of the coils are disposed across at least two surfaces among a bottom surface and adjacent surfaces.

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17. (Withdrawn) The choke coil of claim 1, wherein marking of terminals and/or intermediate taps are provided on the magnetic material.

18. (Withdrawn) The choke coil of claim 1, wherein a tleast terminals and intermediate taps of the coil exposed to surfaces are provided with Ni as a foundation layer, and with one of solder layer and Sn layer as a surface layer.

19. (Withdrawn)The choke coil of claim 1, wherein the magnetic material is square pole shaped.

20. (Withdrawn) An electronic equipment comprising:

a DC/DC converter comprising:

a choke coil comprising: a coil incorporated with terminals and intermediate tap manufactured of die-cut metal plates and formed by folding or etching; and a magnetic material in which the coils are embedded.

21. (Currently Amended) The choke coil of claim + 2, wherein the metal plate is formed by pressing or etching.